

## CTR Employer Survey Report

Thank you for completing your Commute Trip Reduction survey. This report contains the survey results.

Employer Id : E60996

Participation : CTR

Employer : Clark Public Utilities

Status : Affected

Worksite : Electric Center

Survey Type : Online

Street : 1200 Fort Vancouver Way

Response Rate : 94%

Jurisdiction : City of Vancouver

Survey Date : 5/12/2017

### Non-Drive Alone & One-Way VMT Rates at this Worksite

Non-Drive Alone Rate : 10.3%

Drive Alone Rate : 89.7%

One-Way VMT per employee : 11.2

Average One-Way distance home to work : 12.1

### Employees and Survey Response Information

Reported Total Employees at Worksite: 169

Surveys Distributed : 157

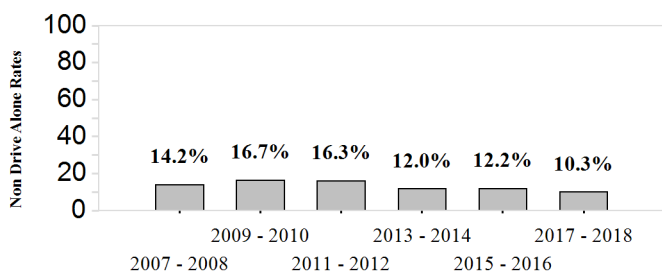
Surveys Returned : 147

Surveys Returned by CTR Affected\* Employees : 141

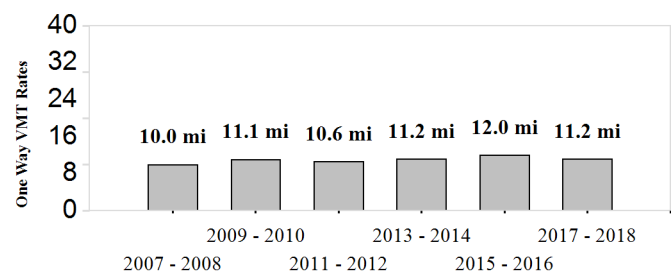
Total Estimated CTR Affected Employees at Worksite : 151

\*CTR Affected employees filled out the survey as being full-time and commuting (typically) to work at least twice between 6a and 9a, Monday through Friday.

#### Non Drive Alone Rates - ALL Employees



#### One Way VMT per Employee - ALL Employees



### Site History and Targets

#### Annual Metric Tons CO<sub>2</sub>e Pounds CO<sub>2</sub>e

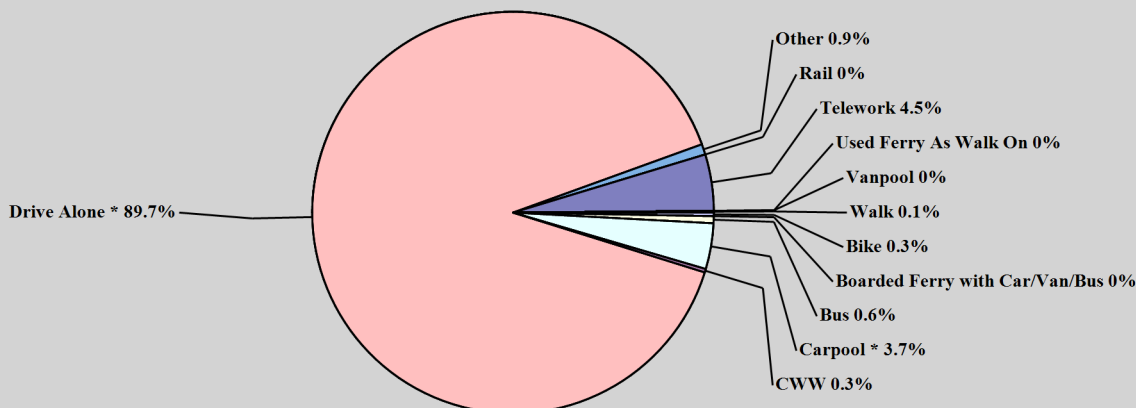
Cycle	Non Drive Alone Rate - All	Non Drive Alone Rate - CTR Affected	Emissions for Surveyed Employees	Estimated Emissions for Total Employment	GHG per Employee's Roundtrip	VMT per Employee - All	VMT per Employee - CTR Affected
2007 - 2008	14.2%	11.9%	364	371	19.4	10.0	10.2
2009 - 2010	16.7%	16.0%	449	459	23.9	11.1	11.0
2011 - 2012	16.3%	15.0%	428	433	22.6	10.6	10.3
2013 - 2014	12.0%	12.4%	458	479	25.0	11.2	10.9
2015 - 2016	12.2%	11.9%	332	349	18.2	12.0	12.0
2017 - 2018	10.3%	10.8%	351	404	21.1	11.2	11.1
Target	20.2%				Target:	8.2	
% Point Change Target:	6.0				% Change Target:	-18.0%	
% Point Change from Baseline:	-3.9				% Change from Baseline:	12.0%	

GHG calculations are based on VMT and estimated total round-trip commutes for all employees. Modes that contribute to GHG include driving alone, carpooling, vanpooling, and riding a motorcycle. The use of other modes (e.g., transit, rail, walking, ferry) do not increase a worksite's GHG calculation. For more information about how GHG is calculated, please contact your jurisdiction's representative.

## Commute Trips By Mode - All Employees

Q.4: Last week, what type of transportation did you use each day to commute TO your usual work location? (Mode used for the longest distance.)

Mode Split - All Employees



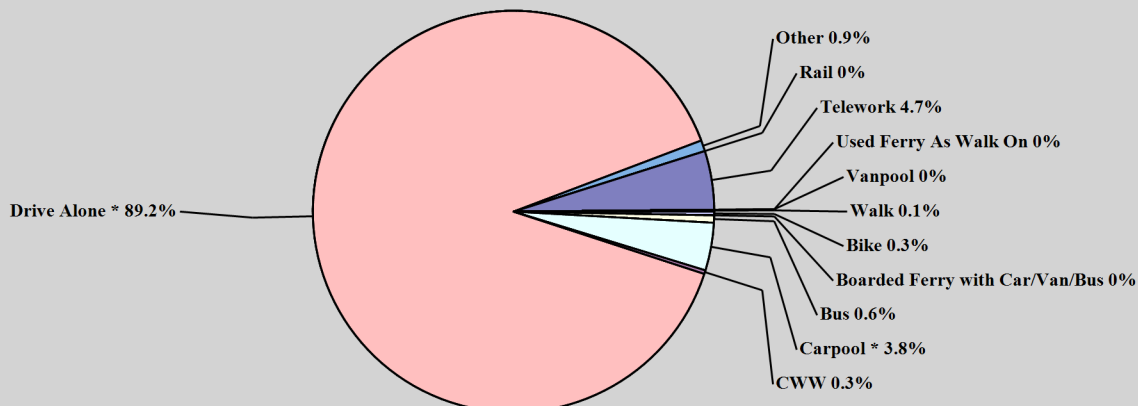
Mode	Trips During This Survey	% of Trips During This Survey	% of Trips During Previous Survey	Employees Who Used This Mode at Least Once During This Survey	% of Employees Who Used This Mode at Least Once During This Survey	% of Employees Who Used This Mode at Least Once During Previous Survey
Drive Alone *	633	89.7%	87.8%	141	95.9%	91.4%
Carpool *	26	3.7%	3.2%	10	6.8%	5.0%
Vanpool	0	0.0%	0.0%	0	0.0%	0.0%
Bus	4	0.6%	0.0%	1	0.7%	0.0%
Rail	0	0.0%	0.0%	0	0.0%	0.0%
Bike	2	0.3%	0.3%	2	1.4%	1.4%
Walk	1	0.1%	0.0%	1	0.7%	0.0%
Telework	32	4.5%	6.7%	13	8.8%	10.8%
CWW	2	0.3%	0.3%	2	1.4%	1.4%
Boarded Ferry with Car/Van/Bus	0	0.0%	0.0%	0	0.0%	0.0%
Used Ferry As Walk On	0	0.0%	0.0%	0	0.0%	0.0%
Other	6	0.9%	1.7%	2	1.4%	2.9%

\* Motorcycle-1 is now included in Drive Alone and Motorcycle-2 is included in Carpool. Information about these trips is still available by request.

## Commute Trips By Mode - Affected Employees

Q.4: Last week, what type of transportation did you use each day to commute TO your usual work location? (Mode used for the longest distance.)

Mode Split - CTR Affected Employees



Mode	Trips During This Survey	% of Trips During This Survey	% of Trips During Previous Survey	Employees Who Used This Mode at Least Once During This Survey	% of Employees Who Used This Mode at Least Once During This Survey	% of Employees Who Used This Mode at Least Once During Previous Survey
Drive Alone *	604	89.2%	88.1%	135	95.7%	91.7%
Carpool *	26	3.8%	3.3%	10	7.1%	5.3%
Vanpool	0	0.0%	0.0%	0	0.0%	0.0%
Bus	4	0.6%	0.0%	1	0.7%	0.0%
Rail	0	0.0%	0.0%	0	0.0%	0.0%
Bike	2	0.3%	0.3%	2	1.4%	1.5%
Walk	1	0.1%	0.0%	1	0.7%	0.0%
Telework	32	4.7%	7.0%	13	9.2%	11.3%
CWW	2	0.3%	0.3%	2	1.4%	1.5%
Boarded Ferry with Car/Van/Bus	0	0.0%	0.0%	0	0.0%	0.0%
Used Ferry As Walk On	0	0.0%	0.0%	0	0.0%	0.0%
Other	6	0.9%	1.0%	2	1.4%	2.3%

\* Motorcycle-1 is now included in Drive Alone and Motorcycle-2 is included in Carpool. Information about these trips is still available by request.

**Alternative Modes - Number of Employees Who Used a Non-Drive Alone Mode:**

Non-Drive Alone Number Of Days	Exactly this # of Employees	Exactly this % of Employees	At least # of Employees	At least % of employees
<b>0 Day</b>	120	82%	147	100%
<b>1 Days</b>	10	7%	27	18%
<b>2 Days</b>	5	3%	17	12%
<b>3 Days</b>	1	1%	12	8%
<b>4 Days</b>	6	4%	11	7%
<b>5 Days</b>	4	3%	5	3%
<b>6 or More Days</b>	1	1%	1	1%

**Count by Occupancy of Carpools and Vanpools**

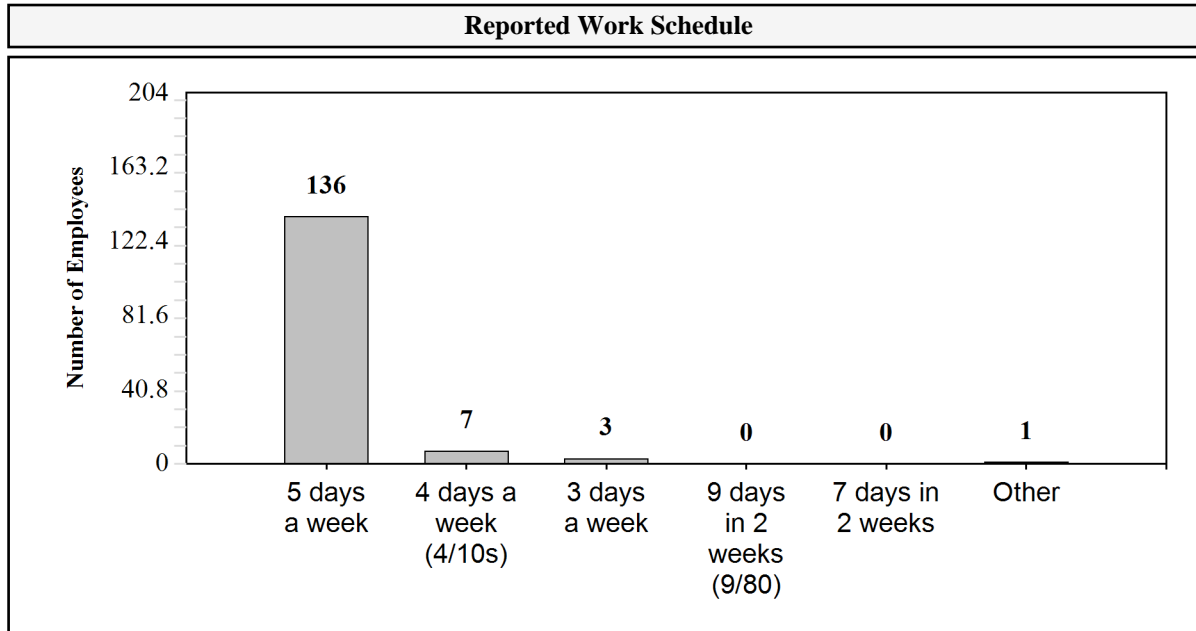
Q.4 If you used a carpool or vanpool as part of your commute, how many people (age 16 or older) are usually in the vehicle?

Ridesharing Occupancy	Mode	Response Count
<b>2*</b>	Carpool	18
<b>3</b>	Carpool	8
<b>4</b>	Carpool	0
<b>5</b>	Carpool	0
<b>&gt;5</b>	Carpool	0
<b>&lt;5</b>	Vanpool	0
<b>5</b>	Vanpool	0
<b>6</b>	Vanpool	0
<b>7</b>	Vanpool	0
<b>8</b>	Vanpool	0
<b>9</b>	Vanpool	0
<b>10</b>	Vanpool	0
<b>11</b>	Vanpool	0
<b>12</b>	Vanpool	0
<b>13</b>	Vanpool	0
<b>14</b>	Vanpool	0
<b>&gt;14</b>	Vanpool	0

\* Motorcycle-2 counted with Carpool-2 for this table.

## Reported Work Schedule - All Employees

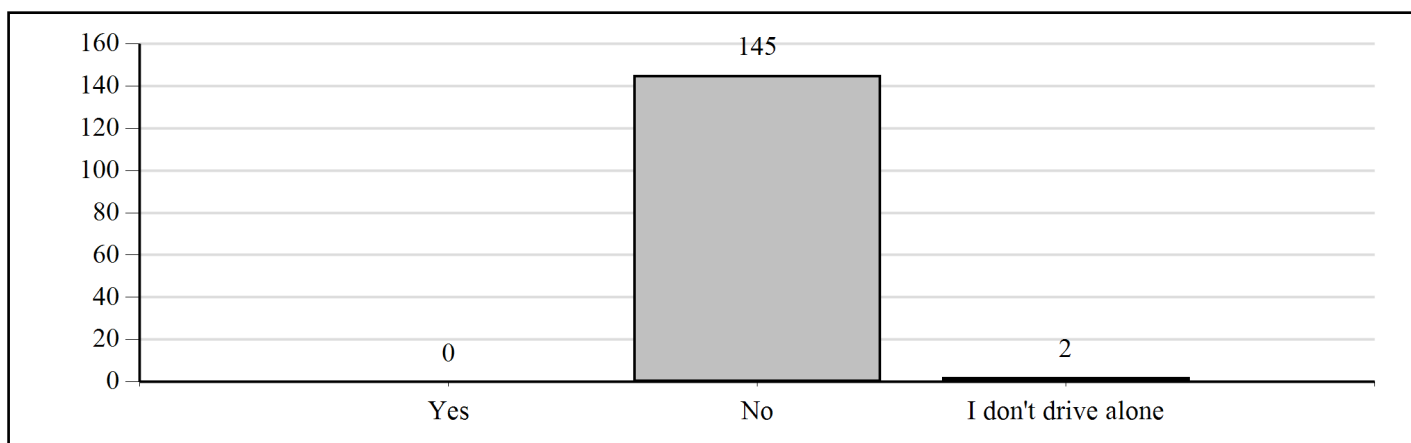
Q.8 Which of the following best describes your work schedule?



Reported Work Schedule	# Of Responses	% Of Employees
5 days a week	136	92.5%
4 days a week (4/10s)	7	4.8%
3 days a week	3	2%
9 days in 2 weeks (9/80)	0	0%
7 days in 2 weeks	0	0%
Other	1	0.7%

## Parking and Telework

**Q.9: On the most recent day that you drove alone to work, did you pay to park? (Mark "yes" if you paid that day, if you prepaid, if you are billed later, or if the cost of parking is deducted from your paycheck.)**



**Q.10: How many days do you typically telework?**

Telework Frequency	# of Responses	% of Responses
No Answer/Blank	0	0.0%
I don't telework	113	76.9%
Occasionally, on an as-needed basis	14	9.5%
1-2 days/month	3	2.0%
1 day/week	11	7.5%
2 days/week	0	0.0%
3 days/week	6	4.1%

## Reasons for driving alone to work/not driving alone to work

Q11. When you do not drive alone to work, what are the three most important reasons?

Question Text	# of Responses	% of Responses
Financial incentives for carpooling, bicycling or walking.	58	20.6%
To save money	42	14.9%
Personal health or well-being	34	12.1%
I have the option of teleworking	31	11.0%
Environmental and community benefits	31	11.0%
Other	21	7.4%
Driving myself is not an option	20	7.1%
Emergency ride home is provided	16	5.7%
Free or subsidized bus, train, vanpool pass or fare benefit	8	2.8%
Cost of parking or lack of parking	6	2.1%
Preferred/reserved carpool/vanpool parking is provided	6	2.1%
To save time using the HOV lane	5	1.8%
I receive a financial incentive for giving up my parking space	4	1.4%

Q12. When you drive alone to work, what are the three most important reasons?

Question Text	# of Responses	% of Responses
I like the convenience of having my car	104	29.3%
Riding the bus or train is inconvenient or takes too long	75	21.1%
Family care or similar obligations	68	19.2%
My commute distance is too short	32	9.0%
Other	30	8.5%
Bicycling or walking isn't safe	26	7.3%
My job requires me to use my car for work	17	4.8%
There isn't any secure or covered bicycle parking	2	0.6%
I need more information on alternative modes	1	0.3%

## Commute Mode By ZipCode for All Employees

Q6. What is your home zip code?

Home Zip code	Total Employees	Employee Percentage	Weekly Count of Trips By Mode												
			Drive Alone	Carpool	Vanpool	Motorcycle	Bus	Train	Bike	Walk	Telework	CWW	Ferry (Car/Van/Bus)	Ferry (walk-on)	Other
98685	19	12.93%	84	4	0	1	0	0	0	0	2	0	0	0	0
98682	15	10.20%	67	1	0	0	0	0	1	0	4	0	0	0	0
98604	12	8.16%	54	1	0	0	0	0	0	0	3	0	0	0	1
98642	11	7.48%	52	1	0	0	0	0	0	0	0	0	0	0	0
98607	10	6.80%	46	0	0	0	0	0	1	0	1	1	0	0	0
98683	10	6.80%	42	0	0	0	0	0	0	0	6	0	0	0	0
98686	8	5.44%	38	3	0	0	0	0	0	0	0	0	0	0	0
98629	7	4.76%	33	0	0	0	0	0	0	0	1	0	0	0	0
98661	7	4.76%	28	0	0	0	0	0	0	0	5	0	0	0	0
98662	6	4.08%	29	0	0	0	0	0	0	0	0	1	0	0	0
98663	6	4.08%	22	0	0	0	4	0	0	1	0	0	0	0	0
98665	6	4.08%	22	0	0	0	0	0	0	0	0	0	0	0	0
98664	5	3.40%	25	0	0	0	0	0	0	0	0	0	0	0	0
98671	5	3.40%	25	0	0	0	0	0	0	0	0	0	0	0	0
98675	4	2.72%	16	0	0	0	0	0	0	0	2	0	0	0	0
98632	3	2.04%	1	12	0	0	0	0	0	0	2	0	0	0	0
98606	2	1.36%	6	4	0	0	0	0	0	0	0	0	0	0	0
98660	2	1.36%	11	0	0	0	0	0	0	0	0	0	0	0	0
98674	2	1.36%	5	0	0	0	0	0	0	0	2	0	0	0	0
98684	2	1.36%	1	0	0	0	0	0	0	0	4	0	0	0	5
97009	1	0.68%	5	0	0	0	0	0	0	0	0	0	0	0	0
97068	1	0.68%	5	0	0	0	0	0	0	0	0	0	0	0	0
97220	1	0.68%	5	0	0	0	0	0	0	0	0	0	0	0	0
97230	1	0.68%	5	0	0	0	0	0	0	0	0	0	0	0	0
98625	1	0.68%	5	0	0	0	0	0	0	0	0	0	0	0	0